

**PATENT
ATTORNEY DOCKET
NO. 211843-00044**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	Thomas N. Horsky et al.)	
)	
Serial No.:	10/582,392)	Group Art Unit: 2821
)	
Filed:	<u>06/09/06</u> (as amended))	Confirmation No : 3848
)	
Title:	METHOD AND APPARATUS FOR)	Examiner: Not Assigned
	EXTENDING EQUIPMENT UPTIME)	
	IN ION IMPLANTATION)	
)	
)	
)	

Notice to File Corrected Filing Receipt

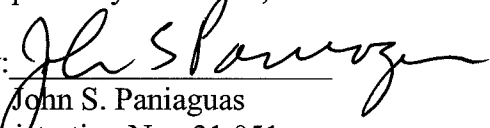
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 223 13-1450

Dear Sir or Madam

It has come to our attention that there is an error in the Notice of Recordation of Assignment Document dated June 28, 2007. The U.S. Patent Office recorded the incorrect filing date. The correct date should read "June 9, 2006" whereas the Patent Office recorded the filing date as March 14, 2007. A marked up copy of the Notice of Recordation and a copy of the filing receipt are enclosed. Please correct the Notice of Recordation and return it at your earliest convenience.

The Commissioner is hereby authorized to charge any fees to Deposit Account No. 50-1214.

Respectfully submitted,

By: 
John S. Paniaguas
Registration No. 31,051

Date: 1/8/08
KATTEN MUCHIN ROSENMAN LLP
1025 Thomas Jefferson Street, N.W.
East Lobby, Suite 700
Washington, D.C. 20007-5201



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JUNE 29, 2007

PTAS

500305850A

JOHN S. PANIAGUAS
1025 THOMAS JEFFERSON STREET, N.W.
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WASHINGTON, DC 20007-5201

500305850A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 06/29/2007

REEL/FRAME: 019497/0075
NUMBER OF PAGES: 5

BRIEF: CORRECTIVE ASSIGNMENT TO CORRECT THE CORRECTIVE ASSIGNMENT. INVENTOR "WADE A. KRULL" NNEDS TO BE ADDED. PREVIOUSLY RECORDED ON REEL 019010/FRAME 0336. PREVIOUSLY RECORDED ON REEL 019010 FRAME 0336. ASSIGNOR(S) HEREBY CONFIRMS THE TO ADD "WADE A. KRULL" AS AN INVENTOR..

DOCKET NUMBER: 211843-00044

ASSIGNOR:

HORSKY, THOMAS N.

DOC DATE: 05/04/2007

ASSIGNOR:

MILGATE, ROBERT W.

DOC DATE: 06/14/2007

ASSIGNOR:

SACCO, GEORGE P.

DOC DATE: 05/29/2007

ASSIGNOR:

JACOBSON, DALE C.

DOC DATE: 06/08/2007

USPTO 07/29/2007 07:00:00 PM FAX 07/000 FAX 001701
TO: JOHN S. PANIAGUAS COMPANY 025 THOMAS JEFFERSON STREET, .W.

ASSIGNOR:
KRULL, WADE A.

DOC DATE: 06/08/2007

019497/0075 PAGE 2

ASSIGNEE:
SEMEQUIP, INC.
34 SULLIVAN ROAD
NORTH BILLERICA, MASSACHUSETTS

01862

SERIAL NUMBER: 10582392

FILING DATE: 03/14/2007

PATENT NUMBER:

ISSUE DATE:

TITLE: METHOD AND APPARATUS FOR EXTENDING EQUIPMENT UPTIME IN ION
IMPLANTATION

KIMBERLY WHITE, EXAMINER
ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

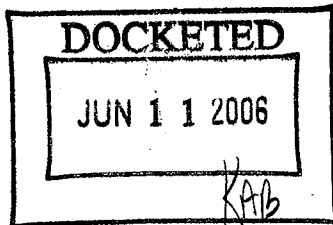
Applicant(s): HORSKY ET AL. Date Sent: 6/9/06
Client: SEMEQUIP By: 1st Class Mail
App/Pat/Reg No.: Hand-Carried
Filing/Issue Date: Other
Docket No.: 211843-00044 X U.S. P.O. Express Mail No.:
Attorney: JSP/KAB
Due Date: EU 667016587 US
Title/Mark: METHOD + APPARATUS FOR
EXTENDING...

The U.S. Patent and Trademark Office date stamped hereon is the date on which the below-listed items were received:

Enclosures (including # of pages):
- TRANSMITTAL LETTER FOR 371 w/CERTIFICATE OF MAILING
(IN DUPLICATE, 8 PP TOTAL)
- \$7540 CHECK

10/582392

IAP15 Rec'd PCT/PTO 09 JUN 2006



Payee: Commissioner for Patents
Vendor ID: CV10005

Check #: 101687
Check Date: June 09, 2006

Invoice Num 060906
Invoice Date 06/09/2006
Narrative U.S. Filing Fee.

Invoice Amt	Payment Amt
\$7,540.00	\$7,540.00
Totals:	\$7,540.00

09, 2006
7,540.00
an LLP

ORIGINAL SIGNATURE

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

211843-00044

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO.

PCT/US2004/041525

INTERNATIONAL FILING DATE

9 December 2004

PRIORITY DATE CLAIMED

12 December 2003

TITLE OF INVENTION

Method and Apparatus for Extending Equipment Uptime in Ion Implantation

APPLICANT(S) FOR DO/EO/US HORSKY, Thomas N.; MILGATE, Robert W., III; SACCO, George P., Jr.;
JACOBSON, Dale C.; KRULL, Wade A.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☒ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

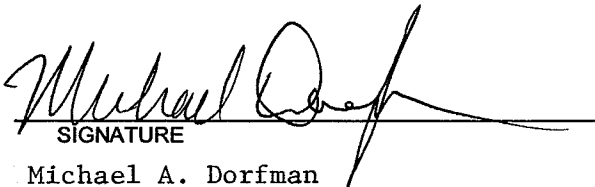
U.S. APPLICATION NO. (if known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO. PCT/US2004/041525		ATTORNEY'S DOCKET NUMBER 211843-00044	
20. Other items or information:					
The following fees have been submitted				CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300				\$300	
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c))					
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0				\$200	
All other situations.....\$200					
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b))					
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0					
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....\$100				\$100	
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400					
All other situations.....\$500					
TOTAL OF 21, 22 and 23 =				\$600	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250	\$	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$130	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	69 - 20 =	49	x \$ 50	\$2450	
Independent claims	23 - 3 =	20	x \$200	\$4000	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$ 360	
TOTAL OF ABOVE CALCULATIONS =				\$7540	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.					
SUBTOTAL =				\$7540	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
TOTAL NATIONAL FEE =				\$7540	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
TOTAL FEES ENCLOSED =				\$7540	
				Amount to be refunded:	\$
				Amount to be charged	\$

- a. ☒ A check in the amount of \$ 7540 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 501214. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

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